The Institute for Quantum Optics and Quantum Information Innsbruck (IQOQI-IBK) of the Austrian Academy of Sciences (OeAW), Austria’s leading non-university research and science institution, dedicates its work to theoretical and experimental basic research in the areas of quantum science. IQOQI is pleased to invite applications for a

**PHD STUDENT POSITION (F/M/X)**

(part-time, 30h per week)

in the IQOQI research group “Ultracold Atoms and Quantum Gases” led by Prof. Rudolf Grimm. The position is offered for a period of two years.

**Your tasks:**
- Experiments with ultracold mixtures of dysprosium and potassium atoms within ERC project “SuperCoolMix”, planning and implementing upgrades and extensions, performing measurements
- Analysis of experimental results and writing of scientific publications
- Tutoring of bachelor and master students
- Representing the group on conferences and workshops with poster presentations and talks
- Supporting the group in administrative tasks

**Your profile:**
- Master’s degree in physics with excellent academic record
- Practical experience with experimental techniques used in cold atom and quantum gas experiments
- Experimental and theoretical know-how on cooling and trapping ultracold atoms
- Experience in data analysis and theoretical modelling of physical systems
- Excellent verbal and written English skills
- Ability to work in a team and to present scientific results to the community
- Fulfillment of the official requirements for PhD students of the University of Innsbruck

**Our offer:**
- Interesting field of activity in a dynamic environment
- Flextime arrangement
- Possibility to work in an innovative team
- Numerous social benefits for employees

We offer an annual gross salary of € 34,606.85 before taxes based on the salary scheme of the Austrian Academy of Sciences.

We invite you to send your application, including a letter of motivation, your curriculum vitae and certificates to iqoqi-ibk@oeaw.ac.at, mentioning Job ID: IQOQIIBK077DOC223: The position will be open until adequately filled.

*The Austrian Academy of Sciences (OeAW) pursues a non-discriminatory employment policy and values equal opportunities, as well as diversity. Individuals from underrepresented groups are particularly encouraged to apply.*